

3. (Amended) A purification system according to claim 2, characterized in that the filtering bag (5) is arranged inside a metal frame (4) which acts as a support for it and as a collector for the water passing through it on its way to the reception tank (6).

A 4. (Amended) A purification system according to claim 1, characterized in that the tank-filter (15) is a polypropylene bag filter that includes diatomaceous earth, with circulation being maintained in closed circuit from the tank (6) containing water, the bags being filled with a pre-layer of this earth; a pump (11a) sucking the liquid to be purified and which passes through that filter (15) to the reception tank (6), from where it is decanted to the array of columns 9 of activated carbon.

5. (Amended) A purification characterized according to claims 1, characterized in that at the outlet from the array of columns 9 of activated carbon is included an ultraviolet lamp (13) for optimizing the purification.

6. (Amended) A purification system for wastewater coming from fruit and vegetable processing plants and phytosanitary treatments in the field, according to claim 1, characterized in that the array of columns 9 of activated carbon, three in number, are mounted on a rotating plate (17) where there exists a fourth bottle (9) in reserve, which replaces number three when the first one becomes clogged up and is withdrawn and replaced by the second, with the third taking over in the second place.